



FEMA



Prepared by
Nikki Hathaway

FEMA Region 6 Weather Threat Briefing

Saturday, September 29, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

River Flood Status

- River flooding will continue on the Trinity River in N TX through Monday and on the Nueces River in STX through early next week.

Today

- Isolated heavy rainfall/flash flooding along the TX & LA coastlines.

Sunday

- No significant weather impacts.

Monday & Tuesday

- Heavy rain/flash flooding possible Monday over western portions of NM.

Wednesday

- No significant weather impacts.

Tropical Outlook

- Hurricane Rosa is forecast to move towards the Baja Peninsula early next week as a Tropical Storm. This system will likely bring moisture/heavy rain into the Southwest U.S. beginning early next week. Areas of heavy rain/flash flooding will be possible on Monday & Tuesday for western NM.
- Kirk has dissipated. No impacts to FEMA 6.
- Subtropical Storm Leslie is forecast to move southwestward over the Central Atlantic over the next 5 days. No impacts to FEMA 6.

FEMA Region 6 Threat Matrix

Sept 29, 2018 – Oct 3, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain / Flash Flooding	TX & LA coastlines		W NM	W NM	
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)
	Trinity River (NTX)	Trinity River (NTX)	Trinity River (NTX)		

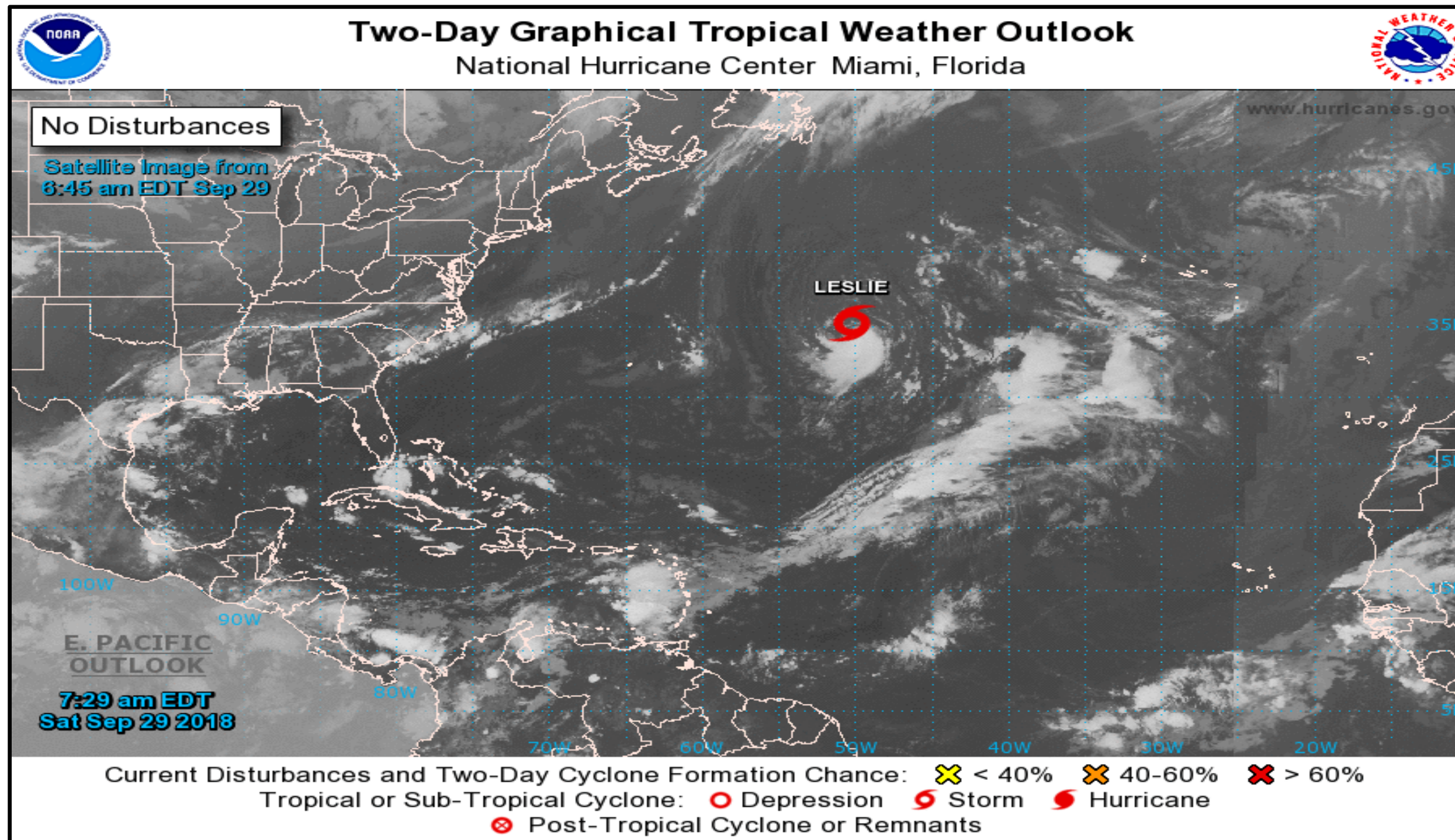
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

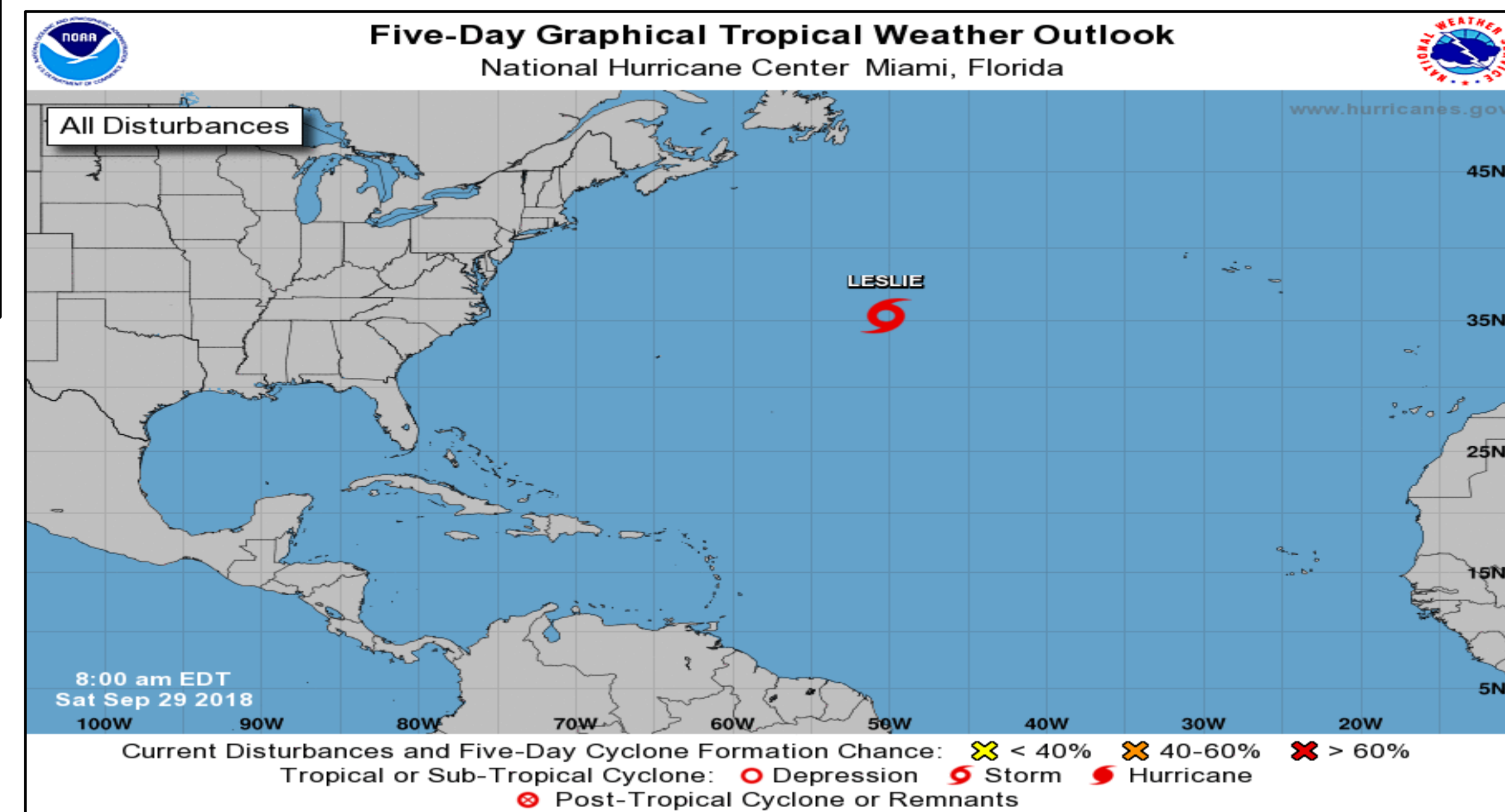


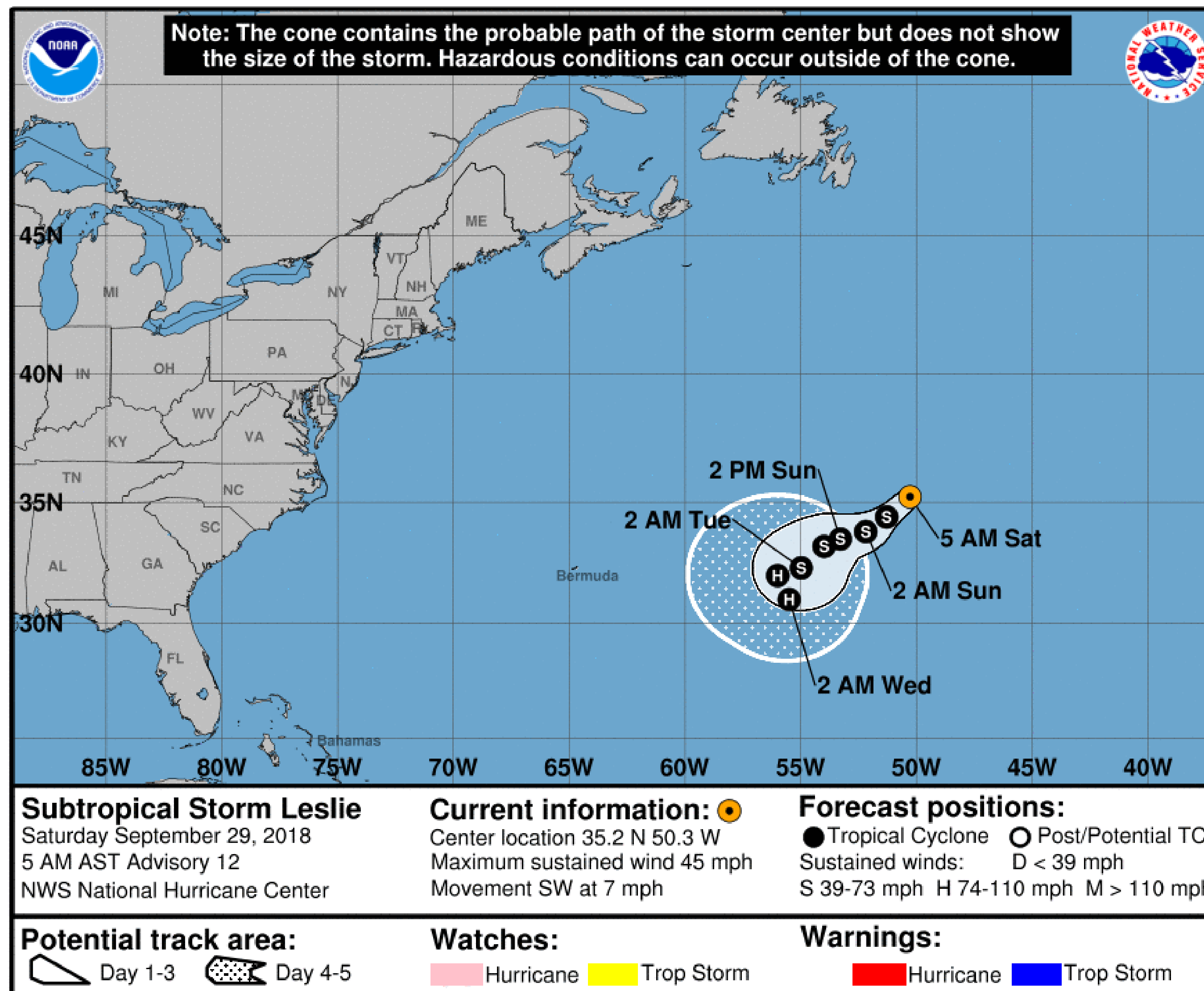
SR ROC
REGIONAL OPERATIONS CENTER



See next slide for forecast information on
Leslie.

Additional tropical cyclone formation is not expected
over the next 5 days.



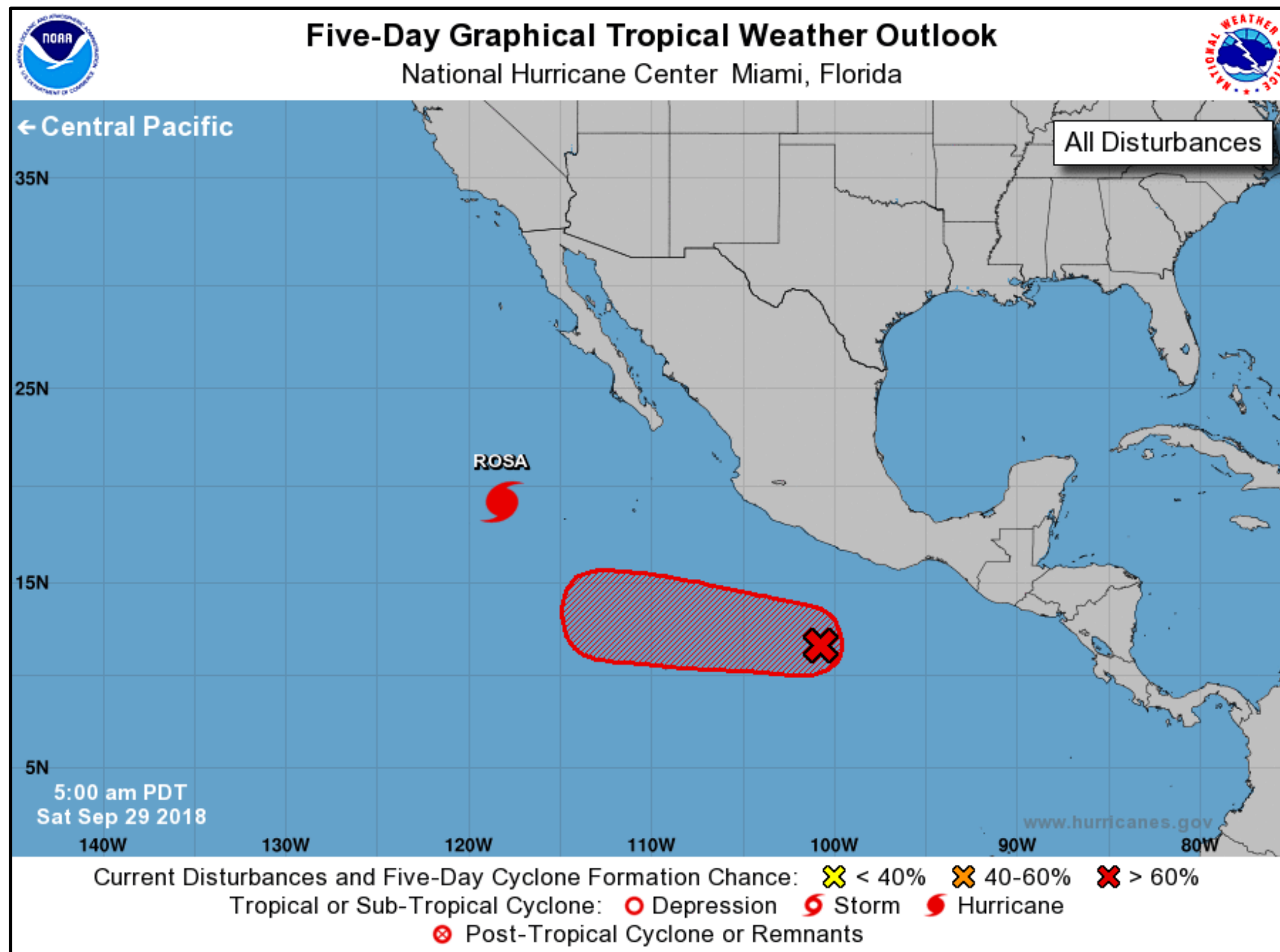


Subtropical Storm Leslie is forecast to move southwestward over the Central Atlantic over the next 5 days. No impacts to FEMA 6.

Tropical Weather Outlook – Pacific



SR ROC
REGIONAL OPERATIONS CENTER



Hurricane Rosa is forecast to move towards the Baja Peninsula early next week as a Tropical Storm. This system will likely bring moisture/heavy rain into the Southwest U.S. beginning early next week. Areas of heavy rain/flash flooding will be possible on Monday & Tuesday for western NM.

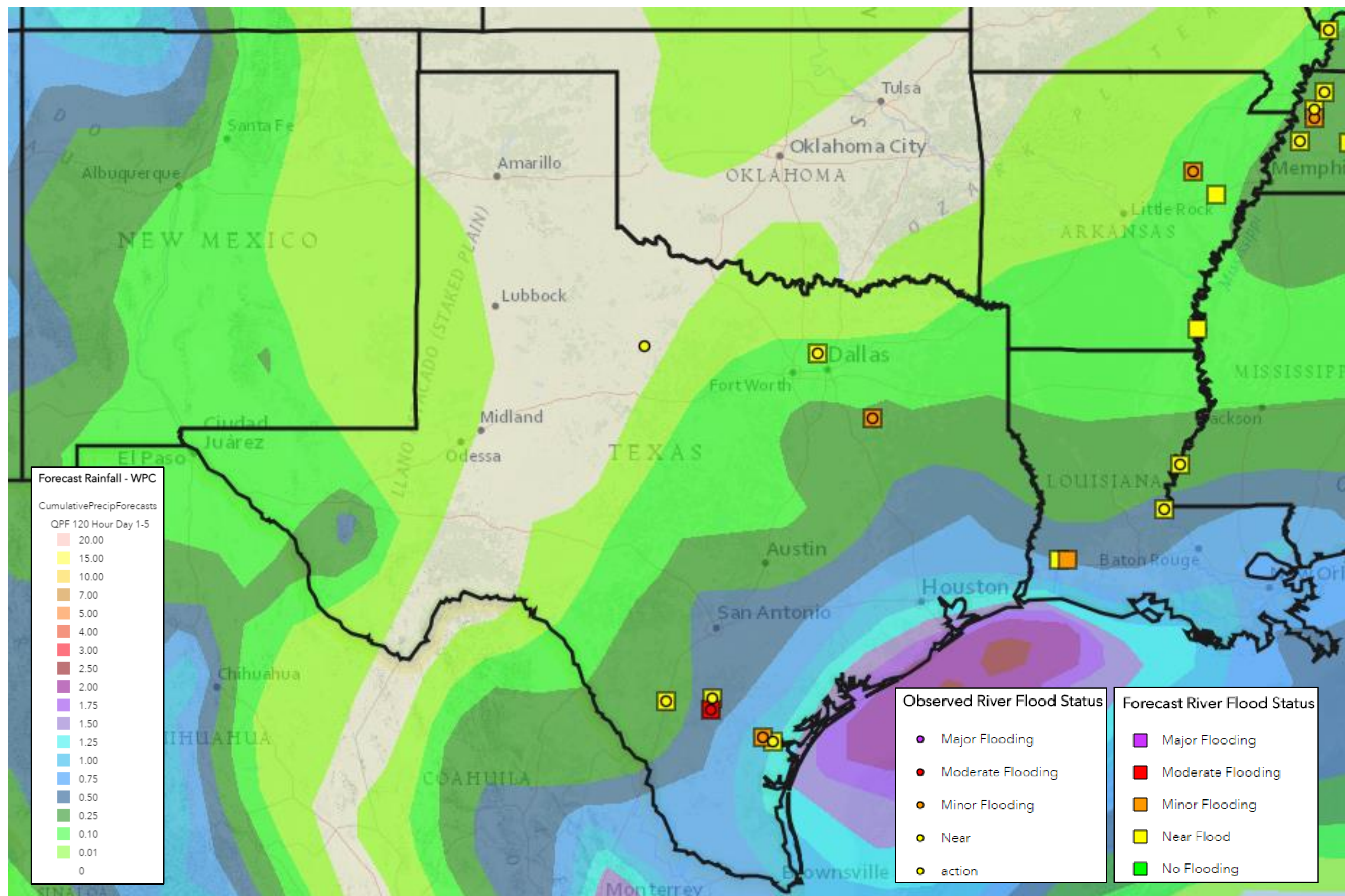


5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water will continue to drain from the San Antonio and Nueces Rivers; continued inflows into Lake Corpus.

Water is still routing through the Trinity River; it crested at Trinidad yesterday and will continue a slow fall at that location.

Water is arriving at Lake Livingston. Points downstream on the Trinity will see some rises, but are not expected to rise into flood.

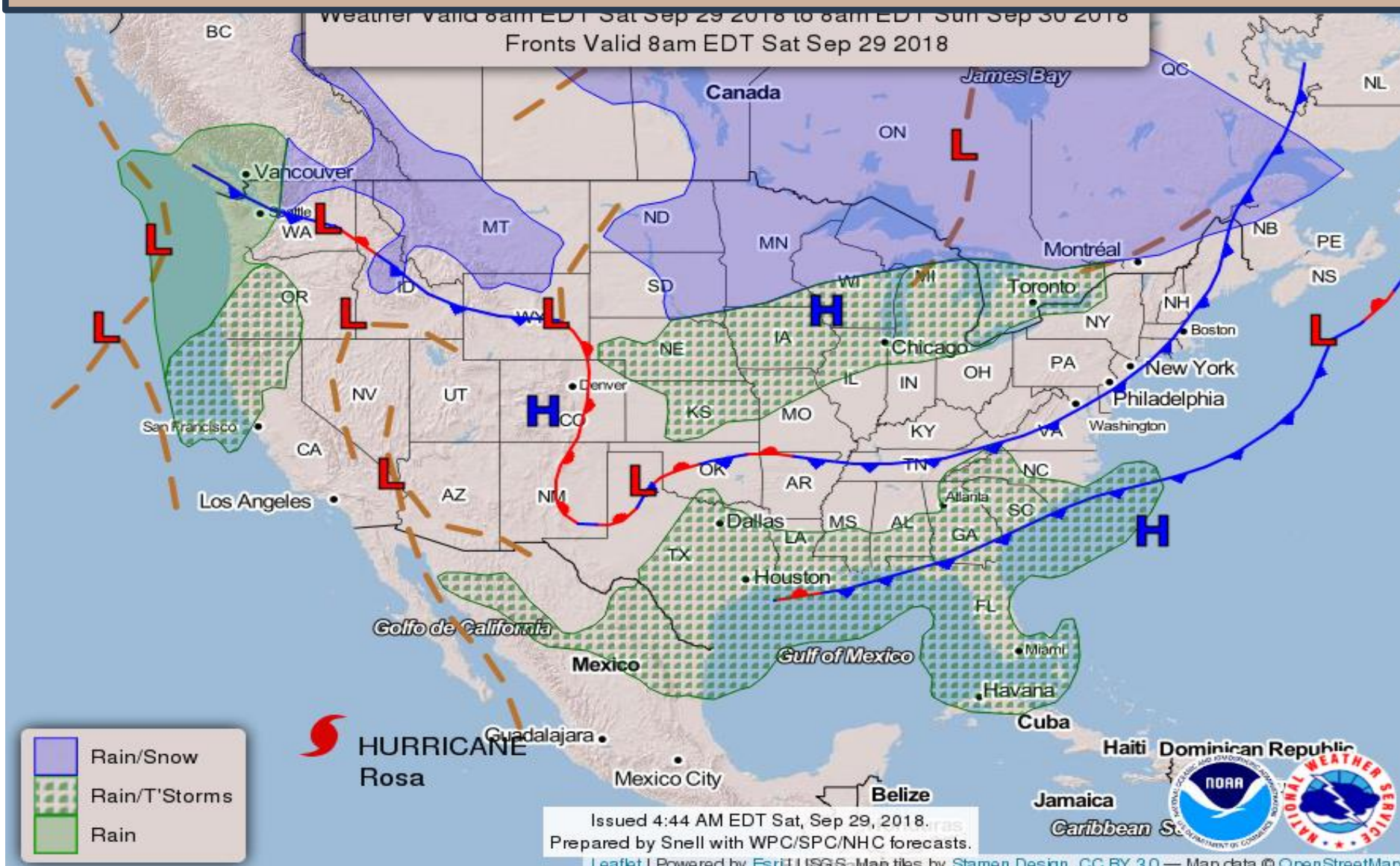
No additional river flooding is expected with the forecasted rainfall in the next five days.

Today's Weather

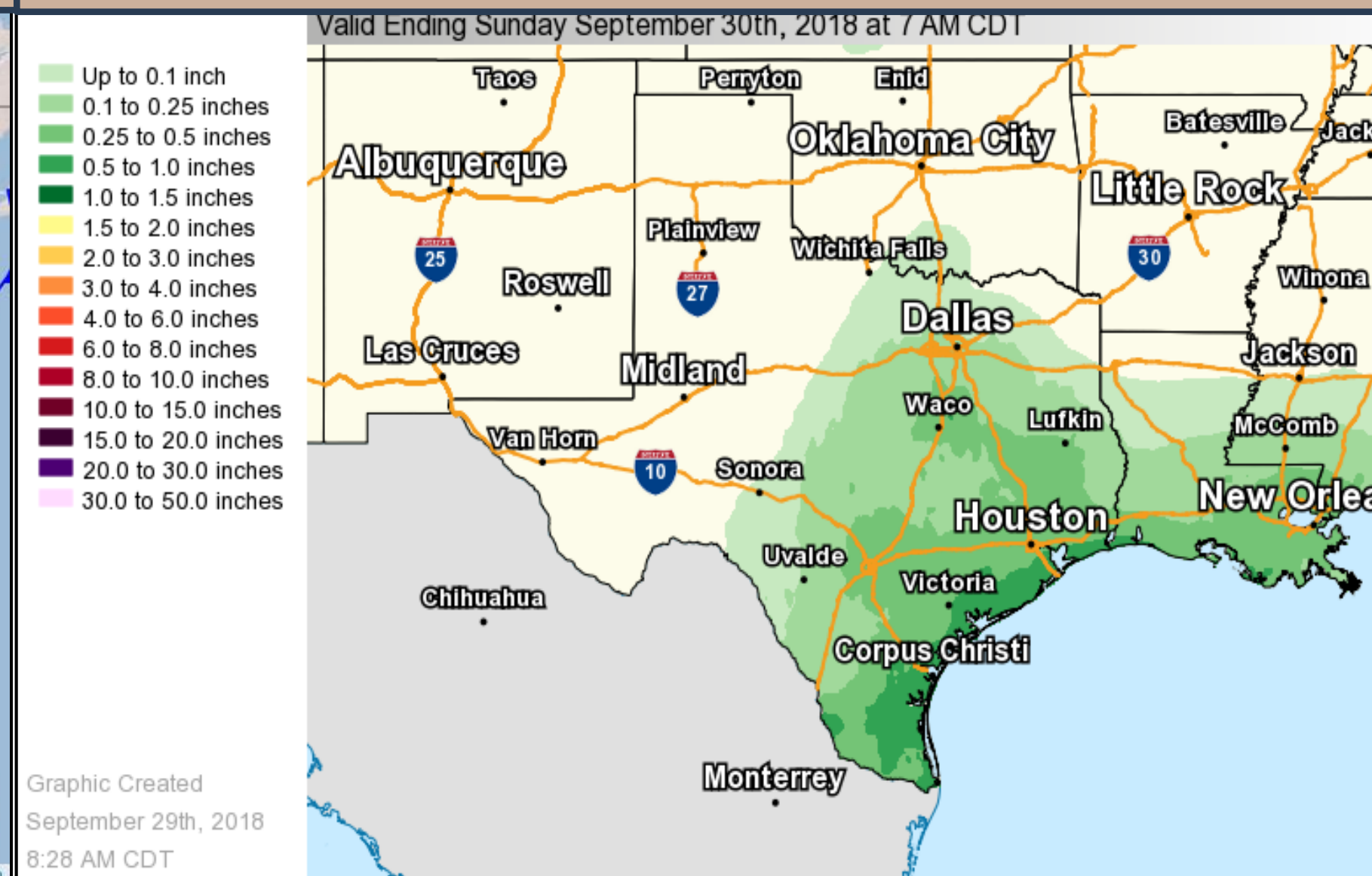


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall

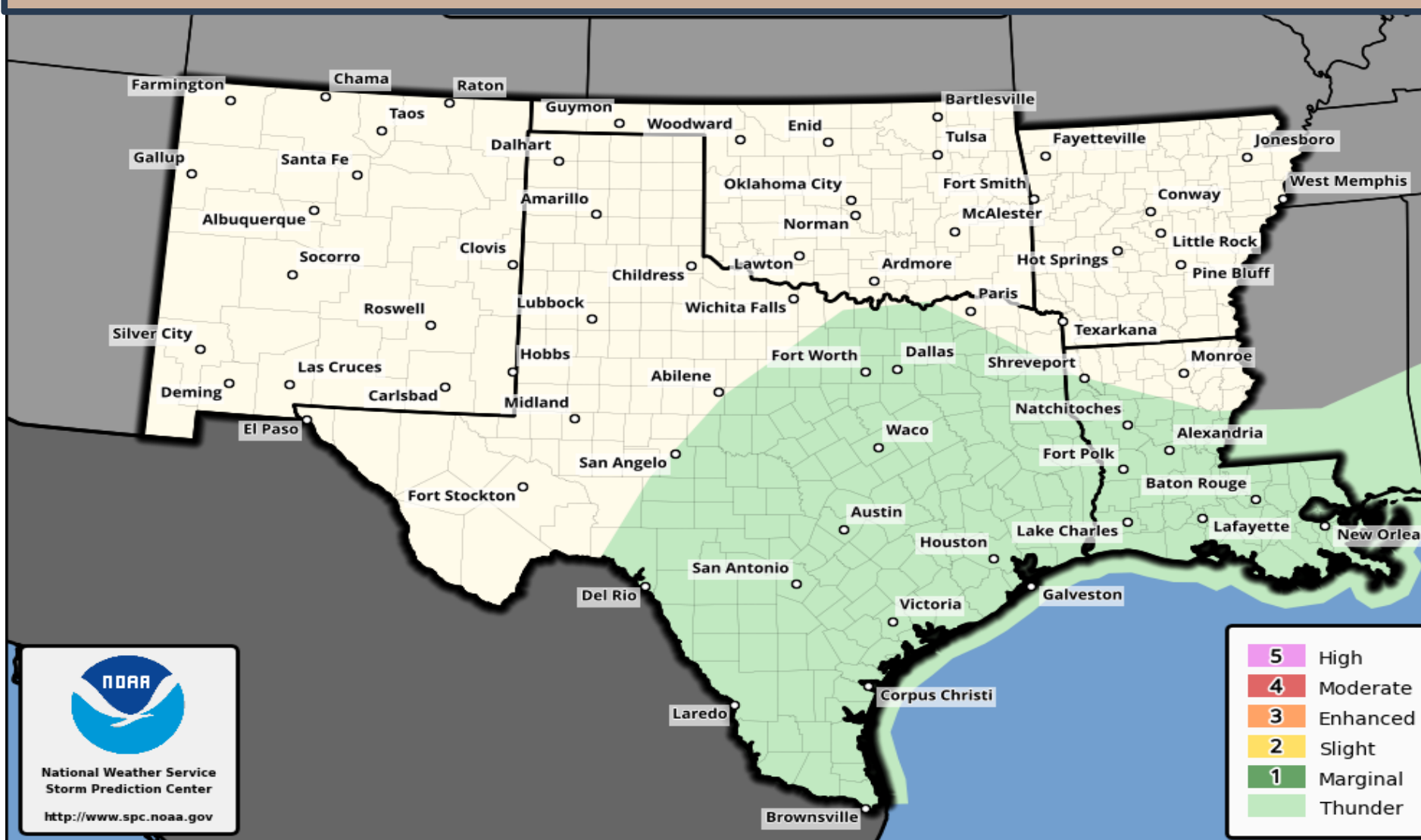


Isolated heavy rainfall/flash flooding along the TX & LA coastlines.

River Flooding is ongoing across portions of STX.

The Trinity River at Trinidad has crested and will continue to slowly fall.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather is expected.

River Flooding is ongoing across portions of STX.

The Trinity River at Trinidad will continue to slowly fall and should be out of flood stage late Monday.

Severe Weather Outlook

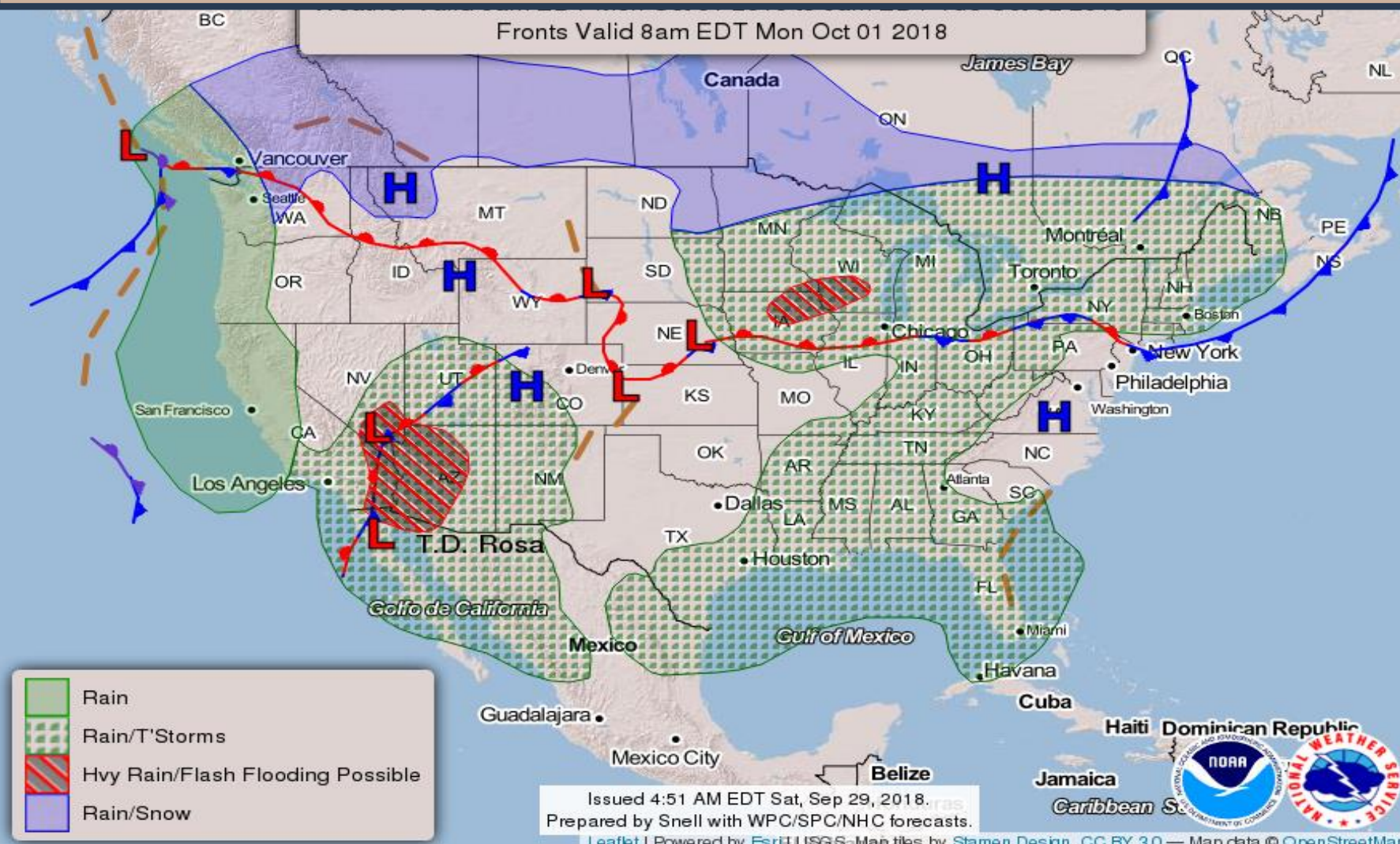
Excessive Rainfall Outlook

Monday's Weather

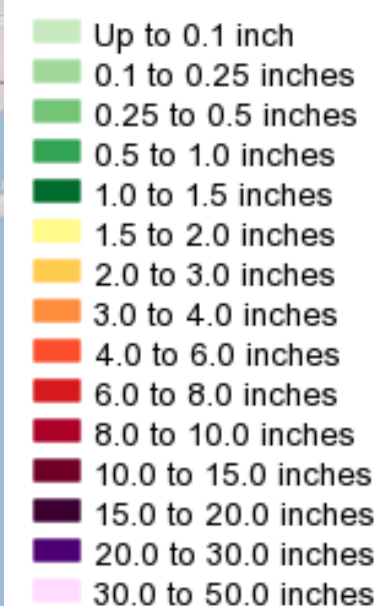


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall

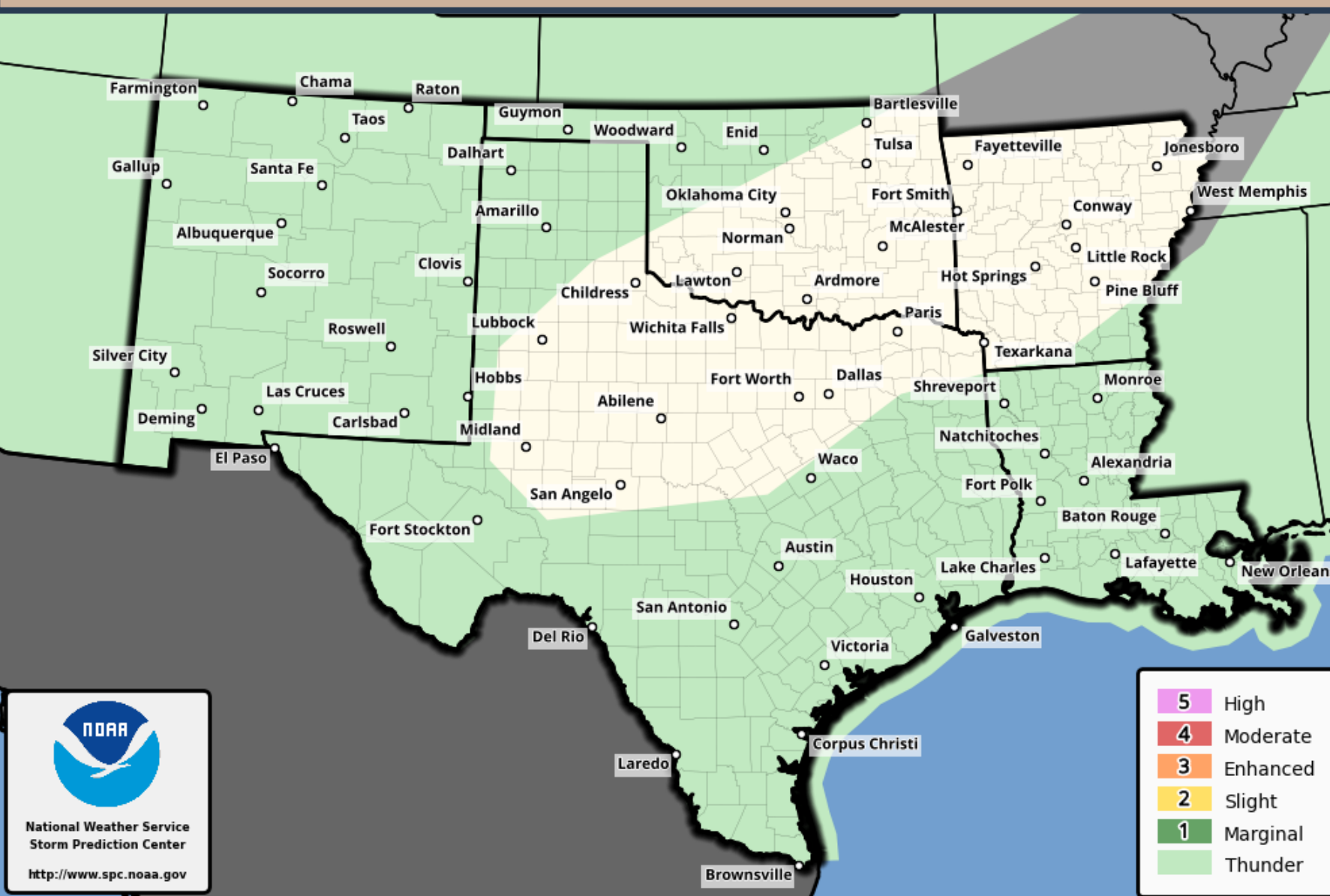


Isolated heavy rain/flash flooding possible in western NM.

River Flooding is ongoing across portions of STX.

The Trinity River at Trinidad will continue to slowly fall and should be out of flood stage late Monday.

Severe Weather Outlook



Excessive Rainfall Outlook

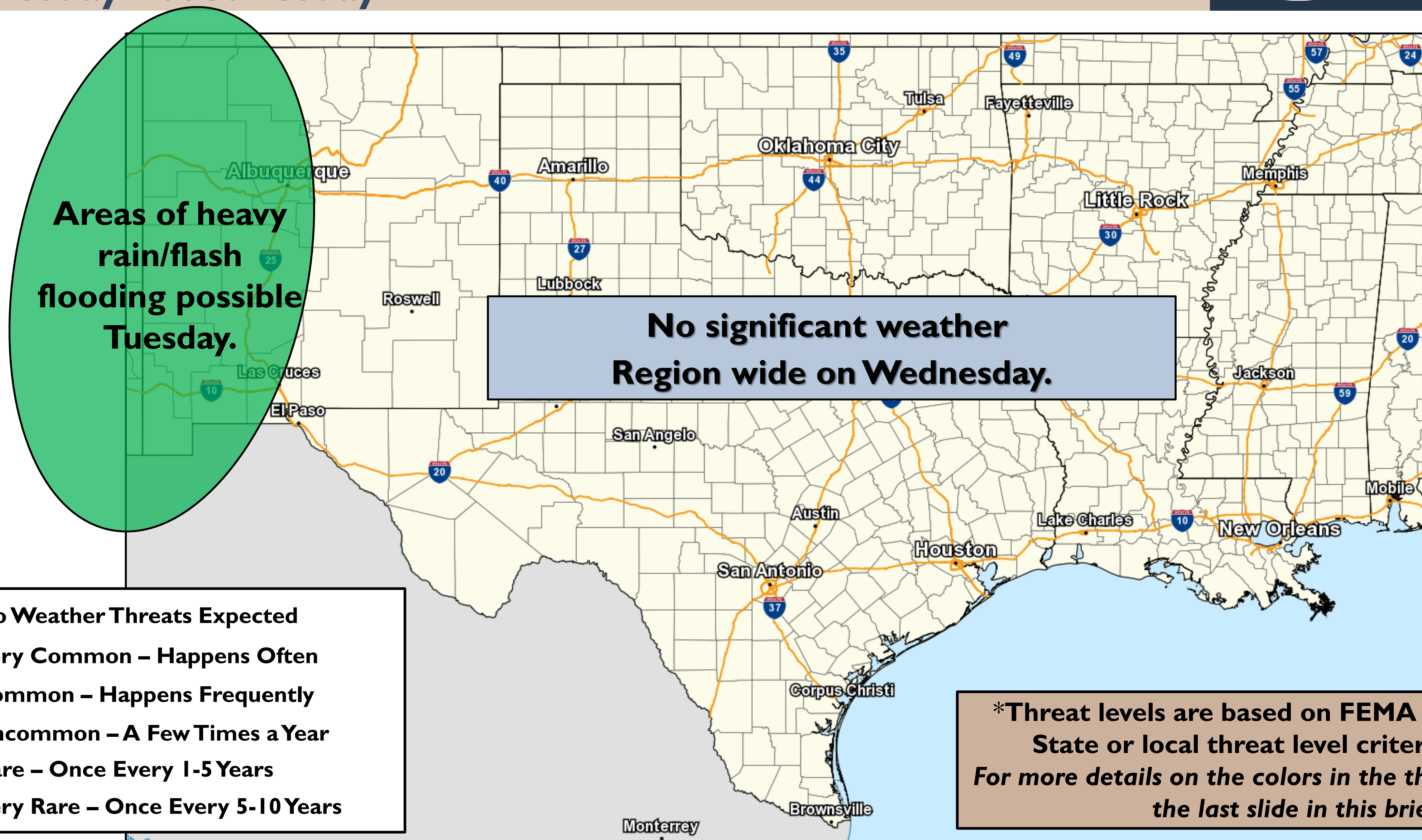


Days 4-5 Weather Hazards

Tuesday - Wednesday



SR ROC
REGIONAL OPERATIONS CENTER

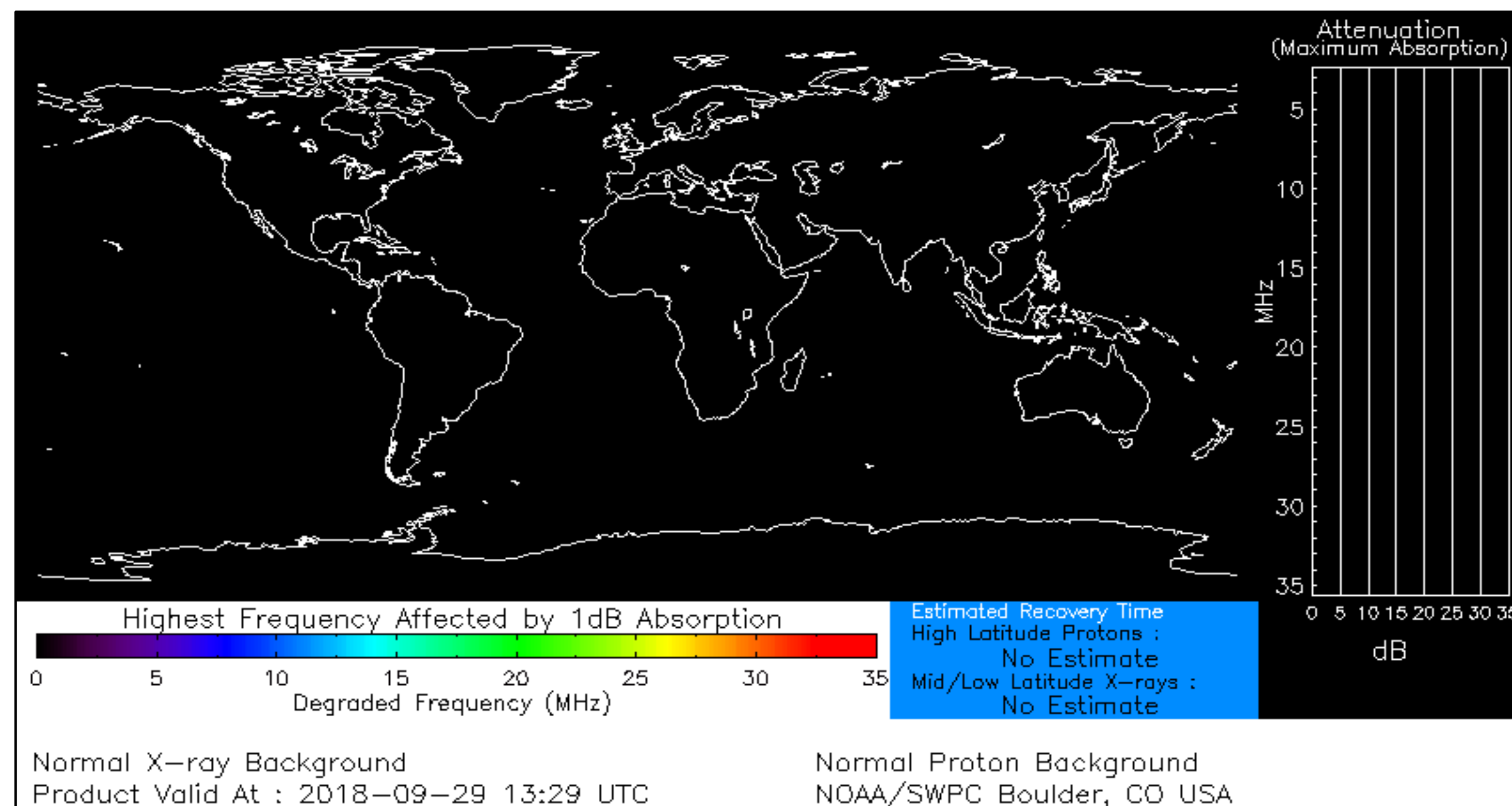


Space Weather 3-Day Forecast



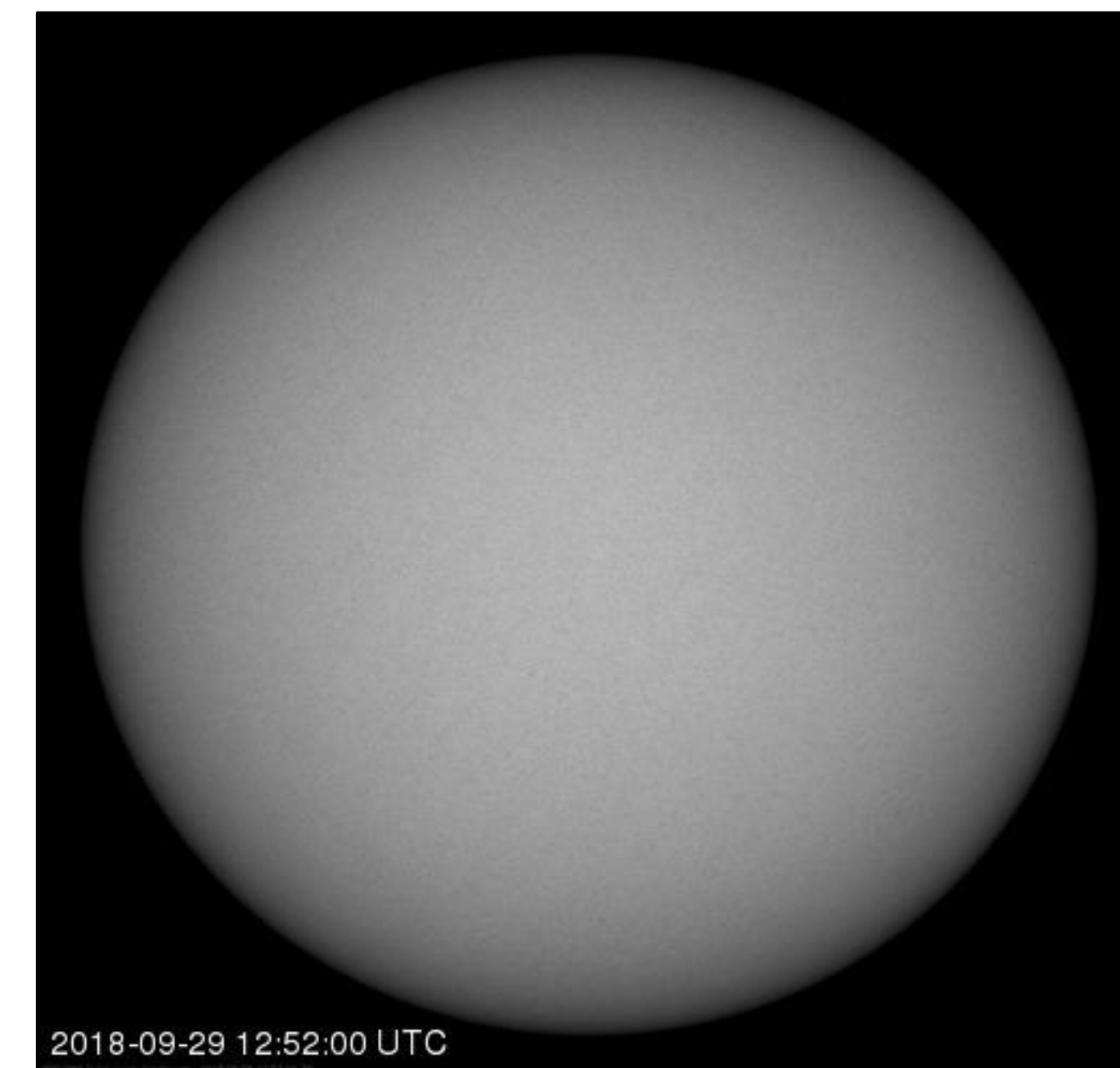
SR ROC
REGIONAL OPERATIONS CENTER

	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-09-29 12:52:00 UTC



For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov